JOINT INFORMATION ENGINEERING ORGANIZATION
Parkridge III, 10701 Parkridge Boulevard, Reston, VA 20191
SYMBOLOGY STANDARDS MANAGEMENT COMMITTEE DIRECTIVE
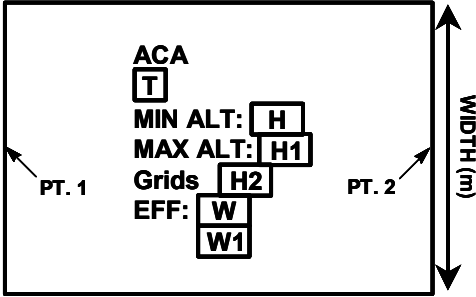
SSMC NO: 3-01	**Date: August 24, 2001**

CP No: MIL00-14B | **Title: Add Rectangular Airspace Coordination Area**

Originator, Name and Address:

Army/PM EFCCS

SSMC Action:

☐ **Approved**
☒ **Approved with Changes**
☐ **Withdrawn**
☐ **Deferred**
☐ **Declared Substantive**
  By:
☐ **Disapproved**
☐ **Testing Required**
  ☐ **Prior to Decision**
  ☐ **Subsequent to Decision**
☐ **Allied Coordination Required**

Votes Cast/Proposed Change

Approve	Disapprove	N/A	
☒	☐	☐	Army
☒	☐	☐	Navy
☒	☐	☐	MC
☒	☐	☐	AF
☒	☐	☐	NIMA
☐	☐	☐	CINC
☐	☐	☐	JIEO
☐	☐	☐	NSA
☒	☐	☐	DIA

Decision:

Approved as modified. See attached CP for approved modifications.

Chairperson

MaryAnn Andersen

(Signature)

SYMBOLOGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM			
CHANGE PROPOSAL NUMBER		**MIL00-14B**	
ORIGINATOR	**SPONSOR**	**DATE RECEIVED**	**DATE OF ACTION**
PM FATDS	**ARMY**	**1 September 2000**	**August 23, 2001**
CHANGE PROPOSAL TITLE			
ADD NEW SYMBOL, **AIRSPACE COORDINATION AREA (ACA), RECTANGULAR**			
SUGGESTED CHANGE			

The Army has a requirement to add a new symbol to MIL-STD-2525B.

     1. The purpose of the rectangular Airspace Coordination Area symbol is to graphically display to commanders in the Common Operational Picture (COP)/Common Tactical Picture (CTP) areas a block of airspace in which friendly aircraft are reasonably safe from friendly surface fires.

     2. Recommend adding to hierarchy item 2.X.4, Fire Support, under the "Areas", "Command & Control Areas" hierarchy, 2.X.4.3.2, figure B-17, and table B-IV.

OVERVIEW

Currently, the standard does not a contain symbol depicting rectangular Airspace Coordination Areas. In general, the rectangular Airspace Coordination Area graphic depicts a three-dimensional block of airspace in a target area, established by the appropriate ground commander, in which friendly aircraft are reasonably safe from friendly surface fires. Incorporation into MIL STD 2525B, which will be used in JMTK and GSD will allow the symbol to be transmitted, received, and displayed by all battlefield systems. The rectangular Airspace Coordination Area is a required symbol in the COP/CTP to be shared across the battlefield. The development of the COP/CTP is required of all ABCS component systems. Fire Support systems are the producer of the rectangular Airspace Coordination Area for the COP/CTP. Fire Support systems will retain this capability for fielding throughout the Army and USMC.

OPERATIONAL DESCRIPTION

The purpose of the rectangular Airspace Coordination Area symbol is to graphically display a three-dimensional block of airspace in a target area, established by the appropriate ground commander, in which friendly aircraft are reasonably safe from friendly surface fires. This allows the commander to adjust forces as necessary to cope with the dead space. The rectangular Airspace Coordination Areas are unique to specific weapons and units. Two (2) point locations and a width are required to graphically display a rectangular Airspace Coordination Area. The minimum information required to interoperate with another system is defined below.

IMPLEMENTATION

Description: **Fire Support, Areas, Command & Control Areas, Airspace Coordination Area, Rectangular**

Parameters:
1. Anchor Points. This graphic requires two anchor points and a width, defined in meters, to define the boundary of the area. Points 1 and 2 will be located in the center of two opposing sides of the rectangle.

2. Size/Shape. Size: As determined by the anchor points. The anchor points determine the length of the rectangle. The width, defined in meters, will determine the width of the rectangle. Shape: Rectangle. The information fields should be moveable and scaleable.

3. Orientation. As determined by the anchor points.

Fixed/Dynamic: Dynamic

Hierarchy: 2.X.4.3.2.2.2

SYMBOLOGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM			
CHANGE PROPOSAL NUMBER		**MIL00-14B**	
ORIGINATOR	**SPONSOR**	**DATE RECEIVED**	**DATE OF ACTION**
PM FATDS	**ARMY**	**1 September 2000**	**August 23, 2001**
CHANGE PROPOSAL TITLE			
ADD NEW SYMBOL, **AIRSPACE COORDINATION AREA (ACA), RECTANGULAR**			

Symbol ID: G*F*ACAR--****X

Tactical Graphic: Example:

JIEO ANALYSIS
OVERVIEW: **POTENTIAL CONFLICTS WITH EXISTING SYMBOLOGY:** **CONFORMANCE TO SYMBOL GUIDELINES:** **ADEQUACY AND IMPACT ON OTHER PROGRAMS:**
C/S/A COMMENTS
DECISION NOTICE
SSMC 3-01: Approved as amended. MIL00-14A amended by adding text to point out that width will be defined in meters. See parameters and graphic example above and the example of Table B-IV in attachment A.

Attachment A to MIL00-14B, Add New Symbol, Airspace Coordination Area (ACA),
Rectangular

Tasks:
1. Modify Figure B-17 to reflect new hierarchy structure (Figure B-17 becomes Figures B-17.1 and B-17.2) and addition of new Fire Support graphics.
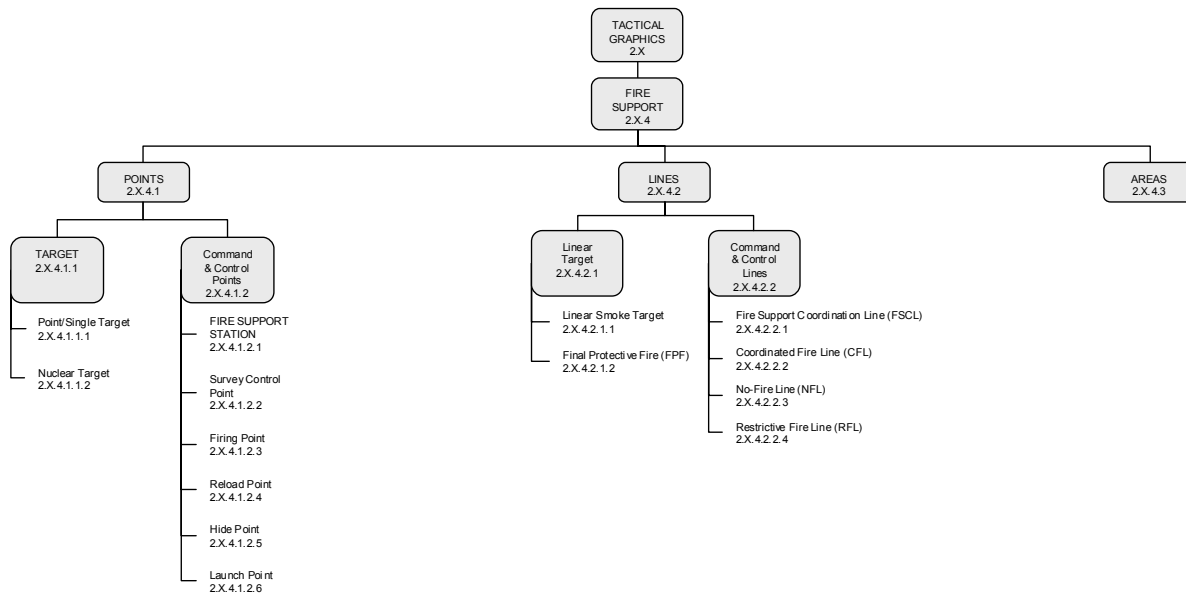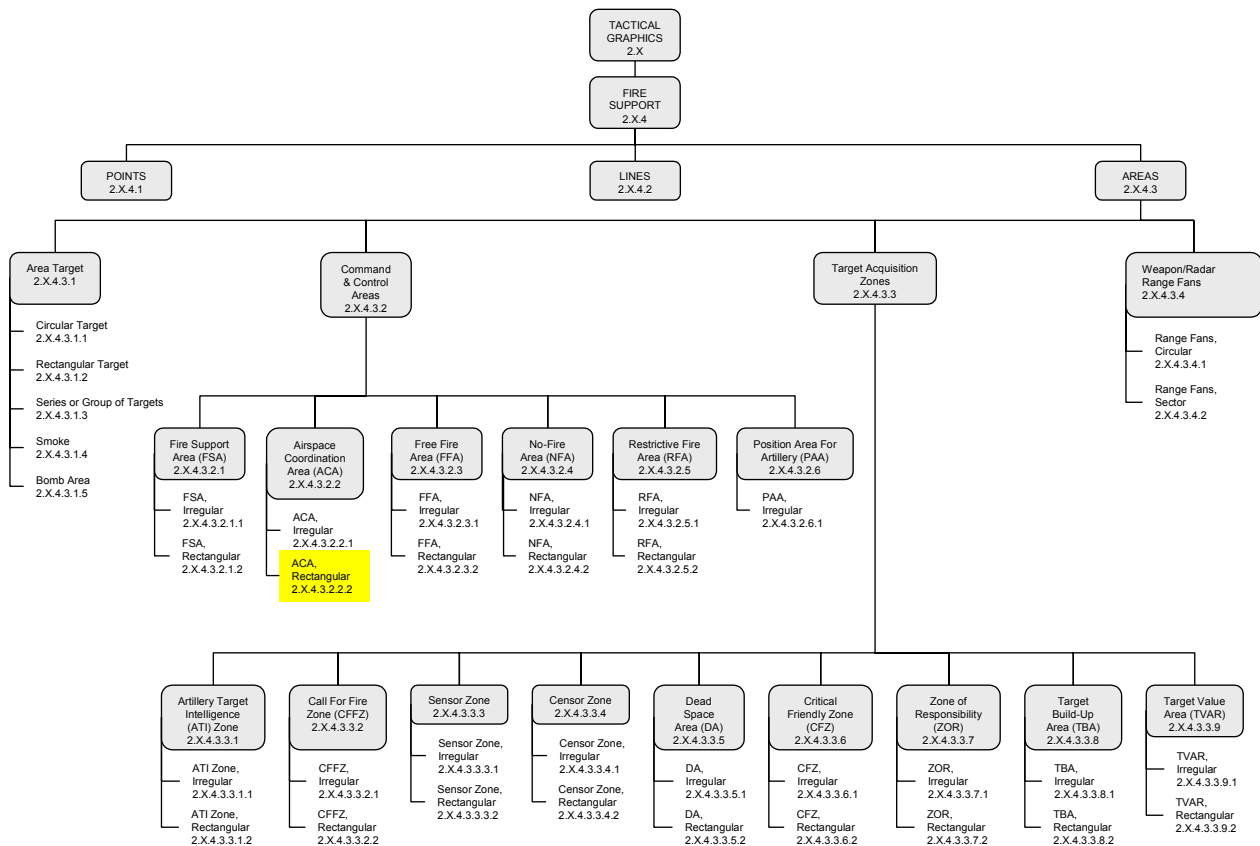

Figure B-17.1. Fire Support.

Figure B-17.2. Fire support.

Attachment A to MIL00-14B, Add New Symbol, Airspace Coordination Area (ACA), Rectangular

2. Modify Table B-III to reflect restructured hierarchy numbers, provide new symbol IDs for restructured graphics and addition of new graphics' hierarchy numbers and symbol IDs.

HIERARCHY	CODE SCHEME	AFFILIATION	CATEGORY	STATUS	FUNCTION ID			SIZE/MOBILITY	COUNTRY CODE	ORDER OF BATTLE	DESCRIPTION
2.X.4	G	*	F	*	--	--	--	**	**	X	FIRE SUPPORT
2.X.4.1	G	*	F	*	P-	--	--	**	**	X	POINT
2.X.4.1.1	G	*	F	*	PT	--	--	**	**	X	TARGET
2.X.4.1.1.1	G	*	F	*	PT	S-	--	**	**	X	POINT/SINGLE TARGET
2.X.4.1.1.2	G	*	F	*	PT	N-	--	**	**	X	NUCLEAR TARGET
2.X.4.1.2	G	*	F	*	PC	--	--	**	**	X	COMMAND AND CONTROL
2.X.4.1.2.1	G	*	F	*	PC	F-	--	**	**	X	FIRE SUPPORT STATION
2.X.4.1.2.2	G	*	F	*	PC	S-	--	**	**	X	SURVEY CONTROL POINT (SCP)
2.X.4.1.2.3	G	*	F	*	PC	B-	--	**	**	X	FIRING POINT
2.X.4.1.2.4	G	*	F	*	PC	R-	--	**	**	X	RELOAD POINT
2.X.4.1.2.5	G	*	F	*	PC	H-	--	**	**	X	HIDE POINT
2.X.4.1.2.6	G	*	F	*	PC	L-	--	**	**	X	LAUNCH POINT
2.X.4.2	G	*	F	*	L-	--	--	**	**	X	LINES
2.X.4.2.1	G	*	F	*	LT	--	--	**	**	X	LINEAR TARGET
2.X.4.2.1.1	G	*	F	*	LT	S-	--	**	**	X	LINEAR SMOKE TARGET
2.X.4.2.1.2	G	*	F	*	LT	F-	--	**	**	X	FINAL PROTECTIVE FIRE (FPF)
2.X.4.2.2	G	*	F	*	LC	--	--	**	**	X	COMMANDAND CONTROL
2.X.4.2.2.1	G	*	F	*	LC	F-	--	**	**	X	FIRE SUPPORT COORDINATION LINE (FSCL)
2.X.4.2.2.2	G	*	F	*	LC	C-	--	**	**	X	COORDINATED FIRE LINE (CFL)
2.X.4.2.2.3	G	*	F	*	LC	N-	--	**	**	X	NO-FIRE LINE (NFL)
2.X.4.2.2.4	G	*	F	*	LC	R-	--	**	**	X	RESTRICTIVE FIRE LINE (RFL)
2.X.4.3	G	*	F	*	A-	--	--	**	**	X	AREAS
2.X.4.3.1	G	*	F	*	AT	--	--	**	**	X	AREA TARGET
2.X.4.3.1.1	G	*	F	*	AT	C-	--	**	**	X	CIRCULAR TARGET
2.X.4.3.1.2	G	*	F	*	AT	R-	--	**	**	X	RECTANGULAR TARGET
2.X.4.3.1.3	G	*	F	*	AT	G-	--	**	**	X	SERIES OR GROUP OF TARGETS
2.X.4.3.1.4	G	*	F	*	AT	S-	--	**	**	X	SMOKE
2.X.4.3.1.5	G	*	F	*	AT	B-	--	**	**	X	BOMB AREA
2.X.4.3.2	G	*	F	*	AC	--	--	**	**	X	COMMAND AND CONTROL
2.X.4.3.2.1	G	*	F	*	AC	S-	--	**	**	X	FIRE SUPPORT AREA (FSA)
2.X.4.3.2.1.1	G	*	F	*	AC	SI	--	**	**	X	FIRE SUPPORT AREA (FSA), IRREGULAR
2.X.4.3.2.1.2	G	*	F	*	AC	SR	--	**	**	X	FIRE SUPPORT AREA (FSA), RECTANGULAR
2.X.4.3.2.2	G	*	F	*	AC	A-	--	**	**	X	AIRSPACE COORDINATION AREA (ACA)
2.X.4.3.2.2.1	G	*	F	*	AC	AI	--	**	**	X	AIRSPACE COORDINATION AREA (ACA), IRREGULAR
2.X.4.3.2.2.2	G	*	F	*	AC	AR	--	**	**	X	AIRSPACE COORDINATION AREA (ACA), RECTANGULAR
2.X.4.3.2.3	G	*	F	*	AC	F-	--	**	**	X	FREE FIRE AREA (FFA)
2.X.4.3.2.3.1	G	*	F	*	AC	FI	--	**	**	X	FREE FIRE AREA (FFA), IRREGULAR
2.X.4.3.2.3.2	G	*	F	*	AC	FR	--	**	**	X	FREE FIRE AREA (FFA), RECTANGULAR
2.X.4.3.2.4	G	*	F	*	AC	N-	--	**	**	X	NO-FIRE AREA (NFA)
2.X.4.3.2.4.1	G	*	F	*	AC	NI	--	**	**	X	NO-FIRE AREA (NFA), IRREGULAR
2.X.4.3.2.4.2	G	*	F	*	AC	NR	--	**	**	X	NO-FIRE AREA (NFA), RECTANGULAR
2.X.4.3.2.5	G	*	F	*	AC	R-	--	**	**	X	RESTRICTIVE FIRE AREA (RFA)
2.X.4.3.2.5.1	G	*	F	*	AC	RI	--	**	**	X	RESTRICTIVE FIRE AREA (RFA), IRREGULAR
2.X.4.3.2.5.2	G	*	F	*	AC	RR	--	**	**	X	RESTRICTIVE FIRE AREA (RFA), RECTANGULAR
2.X.4.3.2.6	G	*	F	*	AC	P-	--	**	**	X	POSITION AREA FOR ARTILLERY (PAA)
2.X.4.3.2.6.1	G	*	F	*	AC	PI	--	**	**	X	POSITION AREA FOR ARTILLERY (PAA),

HIERARCHY	CODE SCHEME	AFFILIATION	CATEGORY	STATUS	FUNCTION ID			SIZE/MOBILITY	COUNTRY CODE	ORDER OF BATTLE	DESCRIPTION
											IRREGULAR
2.X.4.3.3	G	*	F	*	AZ	--	--	**	**	X	TARGET ACQUISITION ZONES
2.X.4.3.3.1	G	*	F	*	AZ	I-	--	**	**	X	ARTILLERY TARGET INTELLIGENCE (ATI) ZONE
2.X.4.3.3.1.1	G	*	F	*	AZ	II	--	**	**	X	ARTILLERY TARGET INTELLIGENCE (ATI) ZONE, IRREGULAR
2.X.4.3.3.1.2	G	*	F	*	AZ	IR	--	**	**	X	ARTILLERY TARGET INTELLIGENCE (ATI) ZONE, RECTANGULAR
2.X.4.3.3.2	G	*	F	*	AZ	X-	--	**	**	X	CALL FOR FIRE ZONE (CFFZ)
2.X.4.3.3.2.1	G	*	F	*	AZ	XI	--	**	**	X	CALL FOR FIRE ZONE (CFFZ), IRREGULAR
2.X.4.3.3.2.2	G	*	F	*	AZ	XR	--	**	**	X	CALL FOR FIRE ZONE (CFFZ), RECTANGULAR
2.X.4.3.3.3	G	*	F	*	AZ	S-	--	**	**	X	SENSOR ZONE
2.X.4.3.3.3.1	G	*	F	*	AZ	SI	--	**	**	X	SENSOR ZONE, IRREGULAR
2.X.4.3.3.3.2	G	*	F	*	AZ	SR	--	**	**	X	SENSOR ZONE, RECTANGULAR
2.X.4.3.3.4	G	*	F	*	AZ	C-	--	**	**	X	CENSOR ZONE
2.X.4.3.3.4.1	G	*	F	*	AZ	CI	--	**	**	X	CENSOR ZONE, IRREGULAR
2.X.4.3.3.4.2	G	*	F	*	AZ	CR	--	**	**	X	CENSOR ZONE, RECTANGULAR
2.X.4.3.3.5	G	*	F	*	AZ	D-	--	**	**	X	DEAD SPACE AREA (DA)
2.X.4.3.3.5.1	G	*	F	*	AZ	DI	--	**	**	X	DEAD SPACE AREA (DA), IRREGULAR
2.X.4.3.3.5.2	G	*	F	*	AZ	DR	--	**	**	X	DEAD SPACE AREA (DA), RECTANGULAR
2.X.4.3.3.6	G	*	F	*	AZ	F-	--	**	**	X	CRITICAL FRIENDLY ZONE (CFZ)
2.X.4.3.3.6.1	G	*	F	*	AZ	FI	--	**	**	X	CRITICAL FRIENDLY ZONE (CFZ), IRREGULAR
2.X.4.3.3.6.2	G	*	F	*	AZ	FR	--	**	**	X	CRITICAL FRIENDLY ZONE (CFZ), RECTANGULAR
2.X.4.3.3.7	G	*	F	*	AZ	Z-	--	**	**	X	ZONE OF RESPONSIBILITY (ZOR)
2.X.4.3.3.7.1	G	*	F	*	AZ	ZI	--	**	**	X	ZONE OF RESPONSIBILITY (ZOR), IRREGULAR
2.X.4.3.3.7.2	G	*	F	*	AZ	ZR	--	**	**	X	ZONE OF RESPONSIBILITY (ZOR), RECTANGULAR
2.X.4.3.3.8	G	*	F	*	AZ	B-	--	**	**	X	TARGET BUILD-UP AREA (TBA)
2.X.4.3.3.8.1	G	*	F	*	AZ	BI	--	**	**	X	TARGET BUILD-UP AREA (TBA), IRREGULAR
2.X.4.3.3.8.2	G	*	F	*	AZ	BR	--	**	**	X	TARGET BUILD-UP AREA (TBA), RECTANGULAR
2.X.4.3.3.9	G	*	F	*	AZ	V-	--	**	**	X	TARGET VALUE AREA (TVAR)
2.X.4.3.3.9.1	G	*	F	*	AZ	VI	--	**	**	X	TARGET VALUE AREA (TVAR), IRREGULAR
2.X.4.3.3.9.2	G	*	F	*	AZ	VR	--	**	**	X	TARGET VALUE AREA (TVAR), RECTANGULAR
2.X.4.3.4	G	*	F	*	AX	--	--	**	**	X	WEAPON/RADAR RANGE FAN
2.X.4.3.4.1	G	*	F	*	AX	C-	--	**	**	X	WEAPON/RADAR RANGE FAN, CIRCULAR
2.X.4.3.4.2	G	*	F	*	AX	S-	--	**	**	X	WEAPON/RADAR RANGE FAN, SECTOR

Attachment A to MIL00-14B, Add New Symbol, Airspace Coordination Area (ACA), Rectangular

3. Modify and amend Table B-IV as needed to agree with Figure B-17.1, B-17.2 and Table B-III as shown above.

DESCRIPTION	STATIC/ DYNAMIC	HIERARCHY SYM-ID	TACTICAL GRAPHIC

FIRE SUPPORT
  AREAS
    COMMAND AND CONTROL
      AIRSPACE COORDINATION AREA (ACA)
	N/A	2.X.4.3.2.2	

FIRE SUPPORT
  AREAS
    COMMAND AND CONTROL
      AIRSPACE COORDINATION AREA (ACA)
        IRREGULAR
 	
Parameters
 	
1. Anchor points. This graphic requires at least three anchor points to define the boundary of the area. Add as many points as necessary to accurately reflect the area's size and shape
 	
2. Size/Shape. Determined by the anchor points. The information fields should be moveable and scalable as a block within the area.
 	
3. Orientation. Not applicable.
	D	2.X.4.3.2.2.1
		
		 G*FPACAI--****X
		
		 Example

FIRE SUPPORT
  AREAS
    COMMAND AND CONTROL
      AIRSPACE COORDINATION AREA (ACA)
        RECTANGULAR
 	
Parameters
 	
1. Anchor Points. This graphic requires two anchor points and a width, defined in meters, to define the boundary of the area. Points 1 and 2 will be located in the center of two opposing sides of the rectangle.
 	
2. Size/Shape. Size: As determined by the anchor points. The anchor points determine the length of the rectangle. The width, defined in meters, will determine the width of the rectangle. Shape: Rectangle. The information fields should be moveable and scaleable.
 	
3. Orientation. As determined by the anchor points.
	D	2.X.4.3.2.2.2
		
		 G*FPACAR--****X
		
		 Example